

The terminal disclaimer filed on December 19, 2008, disclaiming the terminal portion of any patent granted on this application which would extend beyond the expiration date of Patent No. 7,345,301, has been reviewed and is accepted. The terminal disclaimer has been recorded.

In reviewing the contents of the IFW for this application, the examiner noted that the citation for the non-patent document listed on the PTO-892 which was part of the Office action mailed September 18, 2007 is incomplete. A corrected PTO-892 is provided with this Notice of Allowability.

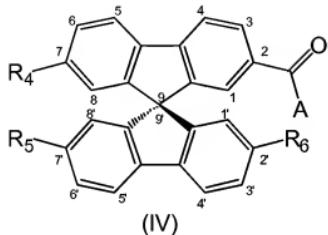
An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Ashley Pezzner on March 13, 2009.

The claims have been amended as follows:

Claims 7, 13, 14, 16 and 17 have been cancelled, and rewritten as new claims 30-34, respectively.

30. (New) A spirobifluorene derivative which has the general formula (IV) and corresponding radical anions:



whercin  $R_5 = A-C=O$ , and  $R_4 = R_6 = H$ ; or  $R_5 = A-C=O$  and  $R_4 = R_6 = C_{1-4}(\text{alkyl})$ ; or  $R_6 = A-C=O$  and  $R_4 = R_5 = H$ ; or  $R_6 = A-C=O$  and  $R_4 = R_5 = C_{1-4}(\text{alkyl})$

$A$  is phenyl, biphenyl, 1-naphthyl, 2-naphthyl, 2-thienyl, 2-furyl, 2-pyrrolyl, 3-thienyl, 3-furyl, 3-pyrrolyl, 9-anthryl, perylenyl, fullerenyl, or a substituted derivative thereof.

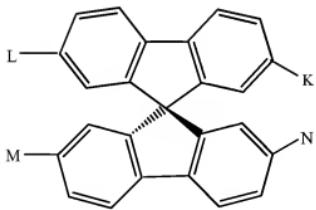
31. (New) A spirobifluorene derivative which has the following general formula (II) and corresponding radical anions:



(II)

wherein L = M = H, K and N are A-C=O, with A = phenyl.

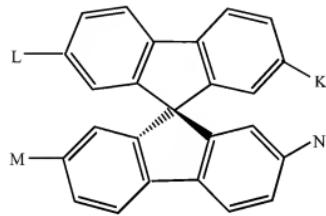
32. (New) A spirobifluorene derivative which has the following general formula II and corresponding radical anions:



(II)

wherein L = N = H, K and M are A-C=O, with A = phenyl.

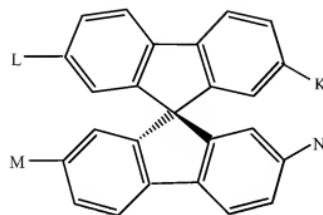
33. (New) A spirobifluorene derivative which has the following general formula (II) and corresponding anionic radicals:



(II)

wherein L = N = H, K and M are A-C=O, with A = phenyl bearing at least one radical R and R = p-tert-Bu.

34. (New) A spirobifluorene derivative which has the following general formula (II) and corresponding radical anions:



(II)

wherein L = M = H, K and N are A-C=O, with A = phenyl bearing at least one radical R and  
R = p-tert-Bu.

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Prior claims 7, 13, 14, 16 and 17 have been rewritten as new claims 30-34, incorporating changes to address issues noted under 35 U.S.C. 112, 2nd paragraph, by the present examiner, and incorporating other changes directed to matters of form as initially discussed during a telephone conversation with Ashley Pezzner on March 12, 2009. All changes are supported by the original disclosure.

The term “biphenylenyl” as recited in the definition of “A” in prior claim 7 was considered confusing by the examiner since “biphenylene” is a divalent group whereas the “yl”

ending indicates a monovalent group. The monovalent group is covered by the claim recitation of “biphenyl”. The term “biphenylenyl” has been deleted from the definition of “A” when rewriting prior claim 7 as new claim 30.

The scope of “corresponding derivatives” as recited in the definition of “A” in prior claim 7 was considered by the present examiner to be unclear (and potentially covering much more variation/derivatization than substitution). This terminology is replaced by --a substituted derivative thereof-- in new claim 30.

When rewriting prior claims 13, 14, 16 and 17, position numbers have been deleted as unnecessary (and potentially confusing), and the definitions of M and N have been corrected in new claim 31 so that claims 31 and 32 are not duplicates. The phrase “bearing at least one radical R and R=H” has not be included in new claims 31 and 32 as this language is deemed unnecessary since phenyl (unsubstituted) has five H.

Any inquiry concerning this communication should be directed to Marie R. Yamnitzky at telephone number (571) 272-1531. The examiner works a flexible schedule but can generally be reached at this number from 7:00 a.m. to 3:30 p.m. Monday-Friday.

The current fax number for all official faxes is (571) 273-8300. (Unofficial faxes to be sent directly to examiner Yamnitzky can be sent to (571) 273-1531.)

/Marie R. Yamnitzky/  
Primary Examiner, Art Unit 1794

MRY  
March 13, 2009